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DERWENT-ACC-NO: 1996-112624

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TITLE: Dermal external preparation having melanin formation-inhibitory action - contains extract of Achote, useful for treating spots, freckles, etc.

PATENT-ASSIGNEE:

ASSIGNEE

CODE

SHISEIDO CO LTD

SHIS

PRIORITY-DATA: 1994JP-0168689 (June 29, 1994)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> \JP 08012563 A	January 16, 1996		007	A61K007/48

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 08012563A	June 29, 1994	1994JP-0168689	

INT-CL (IPC): A61 K 7/00; A61 K 7/48; A61 K 35/78.

ABSTRACTED-PUB-NO: JP 08012563A

BASIC-ABSTRACT:

Dermal external prepn. contains extract of Achote, *Bixa orellana* L., a South American xeromorphic grassland plant, partic. at ratios of 0.005-20.0 wt.% and is used for skin melanocyte inhibitor.

Extract of Achote, *Bixa orellana* L., with organic solvent (e.g. MeOH, EtOH, aq. alcohols, acetone and EtOAc) is added to cosmetics base at concn. of 0.005-20.0 (pref. 0.01-10.0) dried wt.% together with other conventional additives (e.g. humectants, antioxidants, UV-absorption agents, thickener and skin nutrients). It is prepd. in conventional forms including ointments, cream, lotion, pack and bathing agents.

USE/ADVANTAGE - Used to treat and prevent spots, freckles, chloasma and sunburn. The treatment agent has melanin formation and tyrosinase inhibitory activity.

In an example, mouse derived B16 melanoma cells were cultured in 95% O2 and 5% CO2 atmos. at 37 deg. C. Extract was added at concns. of 1/100-100000 wt.%, cultured for further 3 days and microscopically observed. Slight inhibition of melanin formation was observed at a concn. of 1/100000 wt.% and tyrosinase inhibitory